

and AMPA.

Plates:

Plan: NMDA 200 μ l x 10 min

+ Hexa 10

+ " 30

+ " 100

+ Penta(1) 10

+ " 30

+ " 100

BLK

all 3 pits each

2nd plate - Penta(2)

C₃ HalfHexa = 99J110-1 9.368mM
by 1

Penta(1) = 99J110-3 9.766mM

Penta(2) = 99J110-5 12.953mM

AMPA same plan. AMPA 10 μ M

Calcs: (1.0 ml) (300 NMDA) = X 20 mM

(1.0 ml) (15 Hexa conc.) = X 9.368mM

" 45

150

= X 9.368

X = 15 μ l NMDAX = 1.6 μ l HexaX = 4.8 μ l "X = 16 μ l "

(15 Penta(1)) = X 9.766

45 "

150 "

= X 9.766

= X 9.766

X = 1.5 μ l PentaX = 4.6 μ l "X = 15 μ l "

(15 Penta(2)) = X 12.953

45

150

= X 12.953

= X 12.953

= X 12.953

X = 1.2 μ l PentaX = 3.5 μ l "X = 11.5 μ l "

(1) (AMPA 15) = X 10 mM

(1) (MK 15) = X 10 mM

X = 1.5 μ l AMPAX = 1.5 μ l MK(1) (15 C₃) = X 25 mM

(45) = X 25

(150) = X 25

X = 0.6 μ l

X = 1.8

X = 6 μ l

Im @ 7:30 PM

EXHIBIT

A4

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